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ACCELERATING GL ACCOUNT NORMALIZATION WITH GENERATIVE AI: A CASE STUDY IN FINANCIAL DATA TRANSFORMATION

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Abstract

This article comprehensively analyzes how Generative AI technology transforms financial data consolidation across multiple Enterprise Resource Planning systems. The article examines the evolution from traditional resource-intensive approaches to AI-driven solutions, highlighting significant improvements in processing efficiency, cost reduction, and accuracy. The article explores the technical architecture, including cloud computing integration, advanced language processing, and intelligent data normalization frameworks. Through extensive case studies and empirical evidence, the article demonstrates how AI implementation addresses challenges in multi-language processing, account harmonization, and system integration while maintaining high accuracy rates across various financial operations.

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Generative AI, Financial Data Consolidation, Enterprise Resource Planning, Cloud Computing, Machine Learning.

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